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DATE:

June 16, 2004

NO. OF PAGES INCL THIS PAGE: 76

TO:

United States Patent Office

FAX NO.:

703-872-9306

ATTN:

Examiner Shun K. Lee

GROUP ART UNIT: TC 2878

FROM:

Gordon Freedman

FAX NO.:

(613) 274-7414

RE:

Response to FINAL Office Action

U.S. Patent Application No. 09/836,464

Filed:

April 18, 2001

Inventor:

Liu

Our File:

11258-01 US

CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that an amendment dated June 16, 2004 attached hereto including Declaration Under 37 CFR 1.132 and Exhibit A through E in response to the Final Office Action mailed April 16, 2004, is being transmitted to the United States Patent and Trademark Office on the date shown below.

Beth Hewitt

June 16, 2004

Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application Of: Hui Chun Liu

Our File No:

Application No: 09/836,464

Art Unit:

2878

Filing Date:

April 18, 2001

Examiner:

Lee, Shun K.

Title:

Room Temperature Quantum Well Infrared Detector

June 16, 2004

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Reply under 37 C.F.R. 1.113 Amendment complying with 37 C.F.R. 1.116

Sir,

This is in response to the Final Office Action mailed on 04/16/2004. Please amend the specification as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 on this paper.

Remarks/Arguments begin on page 6 of this paper.